

Data Supplement S1

Logistic Regression Analysis for Survival to Hospital Discharge by Type of Dataset, Adjusted for CDC Triage and Other Variables

Covariate (Referent)	CDC Triage and other covariates-adjusted			
	Original Dataset		Multiply Imputed Datasets	
	AOR	95% CI	AOR	95% CI
Transport (HT)	3.85	1.32-11.24	2.66	1.29-5.48
<b>CDC Triage Variables*</b>				
Age-Group ( $\leq 55$ years)	3.01	1.12-8.13	2.68	1.29-5.57
Prehospital GCS Score ( $\geq 14$ )	5.70	1.97-16.54	6.11	2.60-14.36
Prehospital SBP ( $\geq 90$ mm Hg)	4.27	1.48-12.35	2.80	1.20-6.52
Prehospital RR (Normal)	1.98	0.62-6.36	2.43	1.12-5.23
Anatomic Criteria (None)**	1.87	0.72-4.86	1.37	0.72-2.62
<b>Others</b>				
Sex (Female)	1.70	0.58-5.04	1.13	0.58-2.21
Prehospital Intubation (No)	1.46	0.41-5.23	2.21	1.01-4.83
EMS Time in Log	0.39	0.07-2.36	0.81	0.24-2.73
Prehospital Pulse Rate	0.98	0.97-0.99	1.00	0.99-1.01
Injury Severity Score (ISS $< 15$ )	8.49	2.27-31.77	6.64	2.62-16.81
ICU Admission from ED (No)	1.35	0.37-5.02	1.40	0.57-3.43
Urgent Operation (No)	1.03	0.22-4.77	1.27	0.46-3.54
Mechanical Ventilation (No)	1.91	0.68-5.38	1.65	0.80-3.38

CDC = Center for Disease Control; AOR = Adjusted Odds Ratio; CI = Confidence Interval; HT = Helicopter Transport; MI = Multiple imputation of missing data; EMS = Emergency Medical Service; ICU = Intensive Care Unit.

\* These included age, three physiologic variables, and eight anatomic variables. <sup>22,23</sup>

\*\* None means absence of eight anatomic triage variables vs. presence of one or more these variables in a patient.